










Which MRP/ERP Provides Stronger Functionality: xTuple or Active ERP by Aboard Software?

When comparing **xTuple** and **Active ERP (aERP)** by **Aboard Software**, both systems offer robust MRP/ERP functionality — including modules for **accounting, inventory, sales, CRM, manufacturing, and order management**. However, they differ significantly in **architecture, flexibility, automation, and adaptability**, which may determine which platform is the stronger choice depending on your business needs.

Side-by-Side Functional Comparison

Feature / Capability	xTuple	Active ERP (aERP) by Aboard Software
Core ERP & MRP Modules	✓ Yes — comprehensive	✓ Yes — comprehensive
Manufacturing Support	✓ Traditional MRP with BOMs, routings, scheduling	✓ Supports traditional MRP + AI-enhanced planning
User Customization	 Requires developer effort (open-source)	 No-code config via Dynamic Conceptual Model
AI & Automation	 Not native	 Native Auto Pilot module automates decisions & workflows
User Interface	 Traditional ERP UI	 Modern, intuitive, real-time UI
Open Source	✓ Yes (Community & Commercial versions)	 No — proprietary, but highly configurable
Integration & APIs	✓ Yes	✓ Yes, with built-in low-code integration tools
Cloud / SaaS Availability	✓ Available	✓ Cloud-native
Adaptability to Change	 Structured and stable	 Extremely flexible — data model & logic can evolve at runtime
Ideal Use Case	Mid-size manufacturers with structured workflows	Agile organizations wanting automation + flexibility
Documentation & Support	✓ Community and vendor-based	✓ Direct vendor support, strong in-app guidance

Conclusion: Which System Has Stronger Functionality?

Both systems are functionally rich, but they excel in different ways:

- **xTuple** is a solid, open-source ERP that shines when stability, traditional workflows, and community-driven extensions are a priority. It's especially strong for businesses that prefer a

structured, code-based customization model and are already aligned with conventional ERP patterns.

- **Active ERP (aERP)** offers a **wider and more modern functional scope**. It not only supports all core ERP/MRP functions (including traditional manufacturing workflows) but also enables **real-time, no-code configurability, AI-driven automation**, and dynamic business modeling. This makes it particularly strong for businesses that anticipate **evolving processes**, value **operational agility**, or want to reduce dependency on developer resources.

✅ **Key Clarification:** aERP **does not lack traditional manufacturing workflows** — it includes them fully. Its strength lies in offering those traditional capabilities **alongside next-generation flexibility and automation**.